

The California Coastal Commission: Coastal Policy, Living In My Van, & What I Learned



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Being exposed to the implementation and regulation of coastal policy allowed me to see how vital science is for political decision making. Through the California Coastal Commission, I found the engagement and involvement of stakeholders crucial for a productive and effective political system. Politics can at times be difficult to navigate, however, my experience prompted substantial introspection and I hope to remain an avid ocean and coastal user while pursuing a career in coastal policy using the avenue of science to improve decision making.

Technical Services Biology Division Graduate Student Intern

Goal: To gain a coherent understanding of the duties and daily function of the California Coastal Commission

Acknowledgements

Dr. Jonna Engel, staff ecologist for the California Coastal Commission
Dr. James Lindholm, advisor and faculty at CSUMB

What the California Coastal Act Encompasses

California Coastal Commission • Public Access • Public Views • Local Coastal Programs (LCPs) • Coastal Development • Ocean and Coastal Recreation • Federal Consistency • Oil and Hazardous Substance Spills • Wetlands and Estuaries • Coastal Protection: Beach Nourishments, Rip Rap, Revetments, Managed Retreat • Environmentally Sensitive Habitat Areas (ESHA) • Enforcement • Marine Resources • Water Quality • Aquaculture • Energy Facilities • Dredging and Fill • Land Use • Commercial Fishing • Agriculture Lands • Archaeological and Paleontological Resources • Public Works Facilities • Oil and Gas Development

Projects

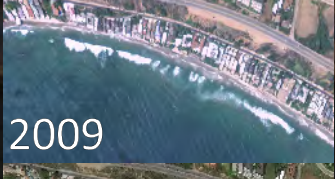
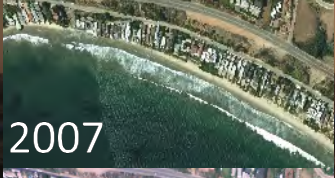
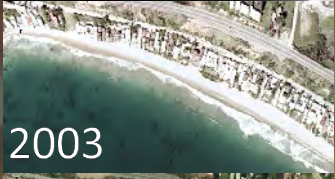
Pierpont Beach Sand Management Plan • University of California at Santa Barbara Long Range Development Plan • El Segundo Blue Butterfly Habitat • San Onofre Nuclear Generating Station (SONGS) Mitigation Meeting • Concrete Recycling Enforcement

Broad Beach

Storm surge and wave run up caused substantial erosion along Broad Beach in Malibu, CA. In 2010, an emergency permit was issued to the community to install a temporary revetment to protect the shoreline homes. Current debate revolves around creating a permanent strategy to prevent further erosion and property damage.

Pepperdine Long Range Development Plan

One component of Pepperdine University's Long Range Development Plan (LRDP) comprised of rebuilding an existing recreational field into a more comprehensive field equipped with restroom facilities and high intensity field lighting. My supervisor and I assessed the potential impacts to nocturnal organisms and generated a memorandum detailing our analysis.



CALIFORNIA | LOCAL
On Broad Beach, slim progress on restoring sand
March 30, 2013 By Martha Groves, Los Angeles Times
Time was that Malibu's celebrity-studded Broad Beach lived up to its name. Not anymore. In recent years, punishing winter storms and high tides have swept away much of the beach, eroding front yards with the multimillion-dollar palaces of such notables as Steven Seidman, Dustin Hoffman, Pierce Brosnan and businessman-philanthropist Patrick Soon-Shiong. To protect their seaside showplaces, residents have piled sandbags and built a massive emergency rock wall. Now, under orders from state coastal officials, they are fighting against time to seek a more permanent solution - permanent being relative in an era of rising seas and extreme weather.

From Coast to Coast

At opposite ends of the country, two of America's most golden coastal enclaves are waging the same desperate battle against erosion. With beaches and bluffs in both Malibu and Nantuxet disappearing into the ocean, wealthy homeowners are prepared to do almost anything—spend tens of millions on seawalls, berms, retaining walls, and other measures to save their precious waterfront properties. What's stopping them? William D. Cohen and Vanessa Griozzalis report on the clash between deep-pocketed summer people and local working folks.

By William D. Cohen and Vanessa Griozzalis



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EDWARD C. BROWN, Jr., Chairman



MEMORANDUM

FROM: Jonna D. Engel, Ph.D., Ecologist; and Nick Sadrpour, Graduate Student Intern

TO: Melanie Faust
Coastal Program Analyst

SUBJECT: Pepperdine University, Campus Life Project, Component 5: Enhanced Recreation Area – Biological Analysis of the Proposed Artificial Night Lighting, Intramural Field Orientation, and Restroom and Storage Facility Location

DATE: August 23, 2013